

### **WHAT IS CLAIMED IS:**

1. A suspension structure for front wheel assembly of a wheelchair comprising:

a frame provided with a mounting bracket at both sides  
5 respectively, on each mounting bracket defined with a pair of holes and at the bottom of the same a slot formed thereof;

a pair of front wheel assemblies, each of which includes a jockey wheel disposed at a first end of a strut by virtue of a pedestal, at both sides of a second end of the strut defined with an opposite holes  
10 respectively, at another two sides of the second end of the strut defined with a locating hole and a slot respectively, the holes in the struts corresponding to the holes in the mounting brackets, the slot and positioning hole in the struts corresponding to the slot in the mounting bracket;

15 a pair of positioning bolts serving to insert in the locating holes and the slot of the corresponding front wheel assembly as well as the slot on the corresponding mounting bracket of the frame, each of which has both ends, whereby to limit the upward rotation of the strut of the front wheel assemblies with respect to the mounting bracket of the frame.

20 2. The suspension structure for front wheel assembly of a wheelchair as claimed in claim 1, wherein a rubber ring is mounted onto each positioning bolt and located between the mounting bracket of the frame and the front wheel assembly, and another rubber ring can be

further mounted onto the same and located above the positioning hole of the strut, whereby to buffer the rotation of the strut of the front wheel assembly.

3. The suspension structure for front wheel assembly of a  
5 wheelchair as claimed in claim 1, wherein each position bolt of the front wheel assembly can be provided at the top end thereof with a sleeve and locked by an adjusting screw nut, by rotating the adjusting screw nut whereby to effect movement of the positioning bolt, such that the user can adjust the elastic force of the rubber rings on the strut of the front  
10 wheel assembly based on his/her own weight.

4. The suspension structure for front wheel assembly of a wheelchair as claimed in claim 2, wherein the rubber ring between the strut of the front wheel assembly and the mounting bracket of the wheelchair further can be provided with a spring at the outer periphery  
15 thereof, whereby to prevent the strut of the front wheel assembly from swaying up and down when moving the wheelchair.